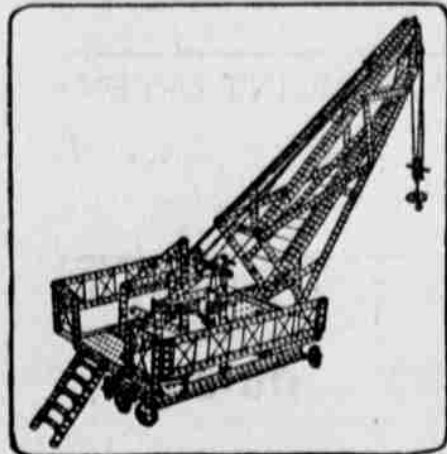


For the LITTLE ONES

INSTRUCTIVE FOR THE BOYS

Many Pretty Things May Be Constructed by Skillful Use of Toy Steel, Just Put on Market.

Toy structural steel, from which an ingenious boy may build anything that a real engineer would make out of real steel members, is now being widely advertised and is a feature of the holiday exhibits. Some of the things that may be constructed in little by the skillful use of this material are bridges, derricks, engines—anything, in fact, from a toy wagon to a miniature printing-press. A writer in the American Exporter (New York) commends this as a realization of the young mechanic's idea to "build something himself." The boy with a mechanical mind, he says, is seldom satisfied with shop toys. He would

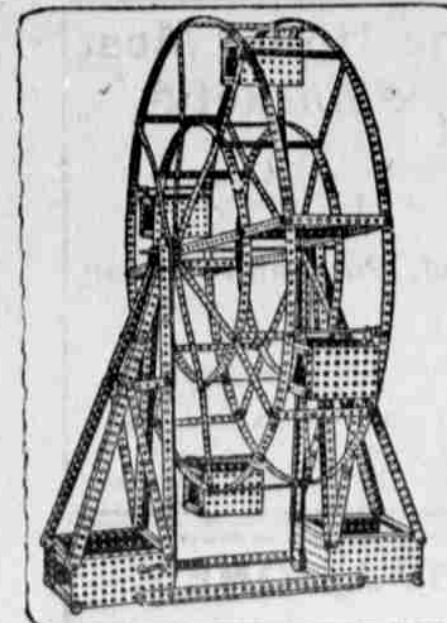


A Derrick Built of Toy Structural Steel.

a hundred times rather take a hammer and nails, and with what odds and ends he can find work out some idea of his own than to possess a whole household of ready-made locomotives and fire-engines, which, to his critical eye, lack many important details. The writer goes on:

"These outfits consist of strips of steel varying in length and having holes punched at equal distances from end to end. Included in these sets are also gears, pinions, pulleys, flanged wheels, axles, beams, etc., which give the boy all the parts necessary to build up almost any kind of a miniature machine. The strips are held together by means of small screws and nuts, and the structures that can be built in this way in a remarkably short space of time by any boy are declared to be surprisingly real in appearance. The various metal strips are formed in imitation of structural steel beams, and the young engineer in this way acquires a knowledge of the strength of materials and elementary engineering practice which many weeks of study from books would probably fail to impress upon his mind. He also becomes familiar with the forms of many of the well-known works of engineering and acquires a knowledge of the subject which cannot fail to be of great value to him in later years, even though he may not follow the engineering profession."

"Each piece of material is nicely finished with smooth edges and rounded corners and nearly all the parts are nickel-plated. Everything which the boy would require is supplied with the outfit, even to a quan-



Ferris Wheel Made From Toy Steel Parts.

ity of good stout string, for even this is not always obtainable in the home. A complete manual of instruction is also furnished with each set, which shows cuts of 80 different models that can be built.

"Small motors, countershafts and transformers, also supplied, enable the boy to construct his own power plant."

Wrong Guess.

William was sitting disconsolately on the front porch with a piece of twine fastened to a loose tooth and hanging down out of his mouth. "What's the matter, Willie?" asked little Annabelle, who lives across the way.

"My tooth is loose," said William. "And what is the string hanging out of your mouth for?"

"The string is fastened to the tooth."

"Oh," the little girl returned, "I thought your tongue was tied."

LITTLE JIM WAS INTERESTED!

Not in Wonderful Deeds of Heroic Story Teacher Was Reading, But in Her Crooked Tooth.

You could have heard a pin drop in the kindergarten that morning. Miss Mary was telling a story to be true, but all was so quiet that even her voice had taken on a subdued tone. Jimmie was sitting next to Miss Mary, and in addition to Jimmie there were 44 other children in the morning circle, all breathless over the wonderful hero of this story of knight-errantry. It might have been an accident that Jimmie sat there. Again, it might have been a scheme worked by Miss Mary herself, for Jimmie never listened to stories.

Acrobatic performances, such as using only one leg of a chair, pinching his neighbor unawares, or tying the plait of the little girl next to him to the back of her chair, were all more desirable forms of entertainment, according to Jimmie's idea. In the above-mentioned chair he at least seemed safer, and there was a bare chance that he would listen.

"Ah," thought Miss Mary, "I have found the kind of stories that appeals to Jimmie. He likes this because the hero so bravely overcomes grave difficulties. The high ideals held up have aroused him. I must be careful to choose this sort of story in the future."

She grew more dramatic as she continued, and the children more tense. She felt Jimmie's eyes fastened on her face, and knew that he sat motionless as he watched her. Could it be possible that this was to be the turning point of her career with him? Up to this time he had seemed a hopeless case. She felt eager to reach the end, for surely she would get some interesting response. Never had she seen Jimmie so interested, and she believed he would express himself about the story.

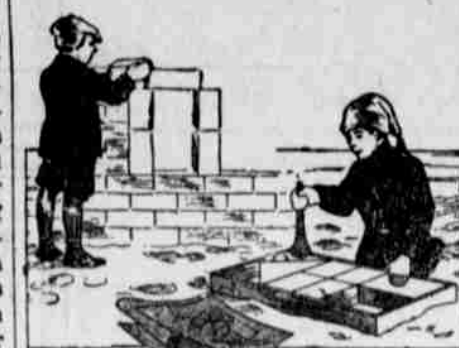
She had become so tense herself in her interest that there was an audible sound all around the circle as she said the last word. Then, oh joy, Jimmie was going to speak. What would it be? Perhaps a resolution to be like this hero, perhaps—but this is what he really said:

"Gee, Miss Mary, that crooked tooth of yours sure does look ugly when you talk."

BUILDING BLOCKS OF SNOW

German Novelty Placed on Market for Amusement of Children in Construction of Forts.

An ingenious novelty on the German market is an adjustable wooden form, of the kind used in concrete



Building Wall of Snow Blocks.

molding, by means of which children can construct blocks of snow for various kinds of snow structures, such as Eskimo igloos, castles, forts and the like, says the Popular Mechanics. The manner of using the forms is simply to fill them with snow and tamp it firmly.

ENGLISH AND AMERICAN BOYS

New Haven Educator's Surprising Statement to London Times—Opinion Entitled to Weight.

George L. Fox of New Haven, who has been an educator in that city for a long series of years and a student of school conditions in the English public schools for the last 20 years, has made the discovery that the average English schoolboy at the age of nineteen years is two years farther advanced in his studies than the average American schoolboy at the same age and about the equal of the average German boy of the same age, the Hartford Times states. As Mr. Fox has arrived at this conclusion after having become a veteran master in American schools and after having personally visited two score or more English schools, his opinion is entitled to weight, notwithstanding it is uncomplimentary to the American system.

In a letter to the London Times Mr. Fox explains the methods by which he made his deductions, and it is a satisfaction to note that his purpose in writing the article was not to condemn the American system, but to give praise where he believes it to be due.

FACT AND FANCY.

Of two evils why choose either? A gold key will open any lock. Zanzibar ivory is the best. Extremes meet, but they are seldom on speaking terms.

Any landscape architect can make you an echo to order.

It's never too late to mend—nor to early, either.

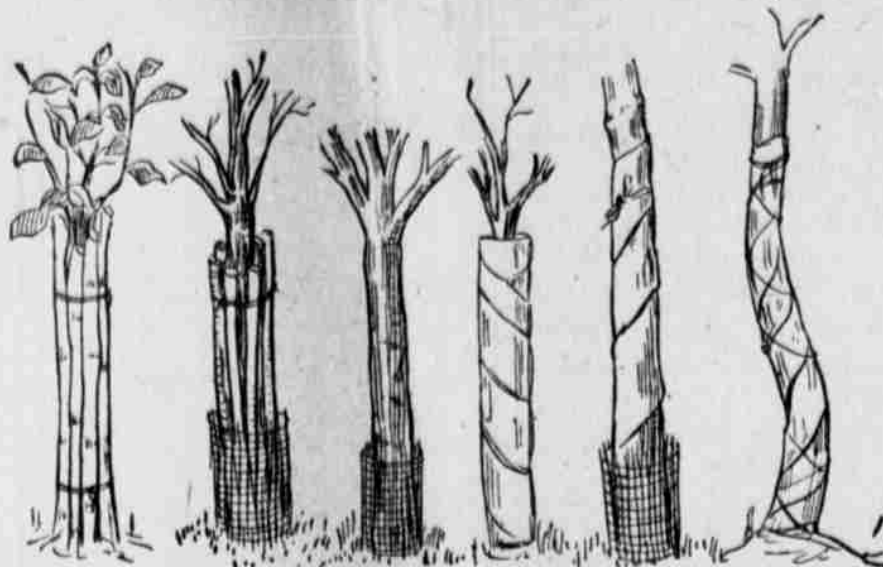
President Wilson is fond of music, but has a poor voice.

It is not true that the colonel intends to change the name of his Oyster Bay residence to "The Nutshell."

Kansas has the world's biggest apple orchard—a 67,000 acre one.

The breath of a scandal is an ill wind that blows nobody any good.

PROTECTING FRUIT TREES FROM RODENTS



1, Corn Stalks. 2, Wire Cloth and Corn Stalks. 3, Short, Wire Cylinder. 4, The Paper Cylinder. 5, Wire Cloth and Building Paper. 6, Building Paper.

The old saying "No use to lock the stable door after the horse has been stolen" is quite applicable in the matter of protecting young and no-longer young fruit trees against rodents. Don't wait until some of your trees are ruined before you adopt preventive measures.

The soil or cinder mound as a protection against tree injury by rodents, is very effective. Mice rarely injure trees except where grass, straw, manure, boards or trash of some kind about the base of the tree provide a hiding place; they will not come out in the open, but perform their depredations under cover. In mounding trees, first, clear away the grass or mulch from the base of the tree for a foot or more in all directions. Second, with a "post tamper," thoroughly firm the surface of the soil about the base of the tree. Third, with a few shovelfuls of fresh soil or cinders form a small mound (12 or 14 inches in diameter at the base and from four to six inches high about the stem of the tree, firming the soil well. The tops of these small mounds are usually kept quite bare by the winds and the mice will not venture out on these exposures to feed on the bark of the tree. These mounds may be left all the year, but should be repaired and tamped hard each autumn. Where cinders are available they are most excellent for mice will not burrow through cinders.

The wire screen is an ideal and complete all-round protector. True, it is more expensive than some others, but it is lasting and more effective against all kinds of rodents which prey upon young trees. Being light and open, it presents the least obstruction to strong winds; the air and sunlight are freely admitted; no dark places of concealment, such as invite woolly aphids and other forms of insect life. It is made of galvanized wire cloth of one-quarter-inch mesh (four 12-gauge wires to the inch) which may be purchased from any large supply house in rolls of 100 lineal feet and in any width from 24 to 36 inches. In adjusting to the tree allow the edges to lap about one inch.

Small meshed poultry netting protectors are made of ordinary weight mesh. This is effective against rabbits, but will not keep the mice out. In combination with a mound of soil about the base of the tree, mice will rarely prove troublesome.

It often happens that the farmer has a quantity of old poultry netting of standard mesh which he could use. Rabbits and woodchucks will not be able to seriously injure trees protected with this and if a mound is made at the tree base, mice may also be baffled.

Spiral protectors of heavy wire, while effective against rabbits, are of no avail against mice except as the trees are mounded.

Wood veneer protectors are effective, but as they form a tight, close, light-excluding cylinder, various forms of insect life thrive in the crevices and under the cover. The woolly aphid, root louse and other pests increase in great numbers under these wood covers.

Corn stalk protectors are very good. There is no device superior in effectiveness against rabbits and ground-hogs, and certainly none cheaper. Five or six stalks bound firmly about the young trees with twine will constitute a protection that will last not only one season, but for several seasons. The stalks readily yield as the tree increases in size. By mounding the bases of the trees with fresh soil and firming it well, a stalk protected tree is quite secure from all rodent enemies.

Wire cloth combined with corn stalks will appeal to the most exacting. The stalks protect against rabbits, while the wire cloth completely baffles the mice even in badly infested orchards.

When trees have attained the age of six or seven years they are usually beyond the period of injury by rabbits. We then have to protect only against mice. The short, galvanized wire cloth cylinder, well imbedded in the soil about the tree base, is quite sufficient even in badly infested orchards.

In combination with soil or cinder mounds, paper wrappers are temporarily effective against rabbits, but these protectors must be removed in summer because of the fact that they afford excellent hiding places for many insect pests. A simple paper (even newspaper) wrapper will serve well for a single winter.

A high grade of building or "sheathing" paper is, of course, preferable to newspapers for tree protection. A combination of building paper and wire cloth is a trustworthy protector under all conditions. The paper may be removed and the screen retained during the growing season. The wire discourages the mice and the paper in winter is accepted by rabbits as an invitation to look elsewhere for shelter and forage.

1, Wire Screen. 2, The Soil Mound. 3, Small Meshed Poultry Netting. 4, Standard Poultry Netting. 5, The Spiral Coil. 6, Wood Veneer.

WHY SILAGE GAINS IN PUBLIC FAVOR

Cheapest and Best Form in Which Succulent Feed Is Provided for in Winter.

(By T. E. WOODWARD.)

1. More feed can be stored in a given space in the form of silage than in the form of fodder or hay.

2. There is a smaller loss of food material when a crop is made into silage than when cured as fodder or hay.

3. Corn silage is a more efficient feed than corn fodder.

4. An acre of corn can be placed in silo at less cost than the same area of the hauled and shredded.

5. Crops can be put in the silo during weather that could not be utilized in making hay or curing fodder.

6. More stock can be kept on a given area of land when silage is the basis of the ration.

7. There is less waste in feeding silage than in feeding fodder. Good silage properly fed is all consumed.

8. Silage is very palatable.

9. Silage, like other succulent feeds, has a beneficial effect upon the digestive organs.

10. Silage is the cheapest and best form in which a succulent feed can be provided for winter use.

11. Silage can be used for supplementing pastures more economically than can silage crops, because it requires less labor, and silage is more palatable.

12. Converting the corn crop into silage clears the land and leaves it ready for another crop.

MISERY LOVES COMPANY.

How the Doctor Got Even With One of His Patients.

Shortly after 2 o'clock one bitter winter morning a physician drove four miles in answer to a telephone call. One his arrival the man who had summoned him said:

"Doctor, I ain't in any particular pain, but somehow or other I've got a feeling that death is nigh."

The doctor felt the man's pulse and listened to his heart.

"Have you made your will?" he asked finally. The man turned pale.

"Why, no, doctor. At my age—oh, doc, it ain't true, is it? It can't be true—"

"Who is your lawyer?"

"Higginbotham, but—"

"Then you'd better send for him at once."

The patient, white and trembling went to the phone.

"Who's your pastor?" continued the doctor.

"The Rev. Kellogg M. Brown," mumbled the patient. "But, doctor, do you think—"

"Send for him immediately. Your father, too, should be summoned; also your—"

"Say, doctor, do you really think I'm going to die?" The man began to blubber softly.

The doctor looked at him sternly. "No, I don't," he replied grimly.

"There's nothing at all the matter with you. But I'd hate to be the only man you've made an idiot of on a night like this."

A New Ending.

Everyone has heard authentic stories of the man who asked another, "Who is that old tramp over yonder?" and got the reply, "She is my wife."

But the story doesn't go far enough. Jones observed an old lady sitting across the room.

"For heaven's sake!" he remarked to Robinson, "who is that extraordinarily ugly woman there?"

"That," answered Robinson, "is my wife."

Jones was taken aback, but moved up front again.

"Well," he said persuasively, "you 'ust ought to see mine!"

A Frozen Christmas.

Butler Glaenner, the poet and essayist, wrote from his Bermuda eyre to a chronicle of the Players' club:

"I shall bathe on Christmas day, I shall pluck lilies and eat strawberries, and all the while I shall long for one of those frozen Christmases that brings the girls to grief."

"A girl, you know, slipped on a strip of ice one frozen Christmas morning, and as her escort took her hand and helped her up, she gasped:

"Oh, that was awful! Everything turned black."

"Blue, too, later on, eh?" said her escort, with a giggle."

Left Off Part.

Mistress—And what's your baby's name, Hannah?

Colored Laundress—Hallud, ma'am. We done name him from de Bible.

Mistress—Hallud! Is that a scripture name?

Colored Laundress—Why, yes, ma'am. Ain't you never read "Hallud be Thy name?"—Boston Transcript.

An Invitation.

"Pa, why were you rude to Mr. Lingerling last night? It may have been a trifle late when you met him going out, but you needn't have insulted him."

"How did I insult him? I merely asked him if he wouldn't stay for breakfast."—Washington Herald.

Economy.

"Now, remember, Ike, dot vos a goot glass eye you've got. Always take it out and put it in your pocket when you ain't looking at noddings."

—The Jester.

Breakfast is Ready

Be down at once—Our dollar alarm will get you to the table or anywhere else on time. Big Ben is fashionable now. He sells for \$2.50, and we guarantee the ones we sell.



The hand that cradles the rocks is the hand that rules a nation.

PEOPLE WHO USE HEWLETT'S PRODUCTS

Don't ask for money back. They use them and find them so good that they order more from their merchants all the time.

How it Started.

The boys were having an acrimonious discussion one afternoon as they sat on their bench next to the city editor's desk.

"I guess they never named any towns for you," said one.

"Maybe not," said the other, "but there's a town up yonder in New England named for you, all right."

"What town is that?" asked the first boy, falling into a trap.

"Marblehead," said the other. At this point the first blow was struck.—Saturday Evening Post.

Delightful Bathing the Year Round.

Few people realize that right here in Utah, we have one of the most wonderful bathing pools in the world. But those who are acquainted with these splendid baths will testify that the Sanitarium Baths, 52 West Third South, Salt Lake City, rank second to none, either in the delightful opportunity for a comfortable swim at any season of the year, or the highly beneficial properties of the natural hot sulphur water.

Not only is bathing a pleasure under these conditions, but many people who have been grievously troubled with rheumatism or nervous disorders have actually experienced full recovery from a system of bathing at the Sanitarium.

The Sanitarium Baths invite you to come and bring your family and enjoy a swim in this wonderful water. The pools are emptied and cleaned twice every week and lady and gentlemen attendants as well as instructors make it a desirable place for you to bring your family, for "catering to the better element" is the secret of the highly desirable patronage enjoyed by the Sanitarium Baths.

In connection with the large swimming pools, are conducted very fine Turkish Baths. Tub baths and private plunges are also an attraction to many, all going to produce a bathing resort equalled by few and surpassed by none.

It's just another of Utah's natural wonders developed for the betterment of mankind. Adv.

Got Back at Him.

"Dear Clara," wrote the young man, "pardon me, but I'm getting so forgetful. I proposed to you last night, but really forgot whether you said 'yes' or 'no.'"

"Dear Will," she replied by note, "so glad to hear from you. I know I said 'yes' to some one last night, but I had forgotten just who it was."



Warranted Ten Years.

This Genuine \$375.00 Empress Upright Grand Piano Only \$267.50

Three Years to Pay for it

Join the EMPRESS PIANO CLUB now forming, and secure for \$267.50 a Genuine Empress piano sold the world over for \$375.00. Five hundred of these famous pianos will be sold on this club plan.

This Co-operative Club plan means that five hundred people buying at practically one and the same time, secure concessions in price and terms not possible under ordinary conditions. It is the strength of numbers; of buying power, each member securing the same piano, at the same price, on the same terms of payment.

Write Today for Catalog and Information Let us send you our beautiful descriptive catalog and full information about this Club plan. Do not, by any means, buy any piano until you have had this information. You should know all about this wonderful Club plan; learn how easy it is now for any home to have a famous, genuine Empress piano.

Freight Prepaid—Free Bench—Free Scarf No matter where you live, we prepay the freight to your railroad station, and include with the piano a genuine mahogany, oak or walnut bench, with music compartment, to match the piano; also a beautiful silk or velvet scarf. ABSOLUTELY FREE.

No Waiting—Piano Delivered at Once You do not have to wait until the entire membership of five hundred is complete before receiving your piano. IT IS DELIVERED TO YOU AT ONCE.

Our Guarantee You want to be sure that the house you deal with is responsible in every way. We refer you to the National Bank of the Republic of Salt Lake City, and your local bank. Also to thousands of satisfied customers who have dealt with this house during the past fifty-four years.

Duane's Best Music Co.